

Converting Colors

Hex(16131B)

Have a look what the booklet for
Hex(16131B) contains.

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Color

Hex(16131B)

Conversions

Conversions Part 1

Format	Color
Hex	16131B
RGB	22, 19, 27
RGB Percent	9%, 7%, 11%
CMY	0.9137, 0.9255, 0.8941
CMYK	0.19, 0.30, 0.00, 0.89
HSL	262°, 17%, 9%
HSV	262°, 30%, 11%
XYZ	0.7616, 0.7154, 1.1349
YIQ	20.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

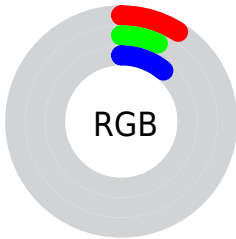
Format	Color
RYB	22, 19, 27
Decimal	1446683
CIELab	6.46, 3.34, -4.96
CIElCh	6, 5.980, 303.971
Yxy	0.7154, 0.2916, 0.2739
Android (android.graphics.Color)	4279636763 (0xFF16131B)
YUV	20.8090, 3.0522, 1.0445
Hunter-Lab	8.4584, 1.2695, -2.0340

Details

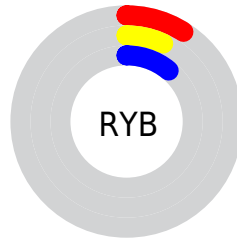
The Hex color **16131B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **181B13**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **403D46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **14101B**, and if you desaturate by 10%, it is **18161B**.

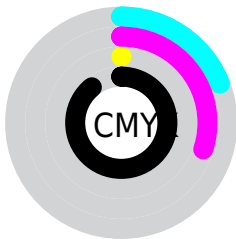
Distribution



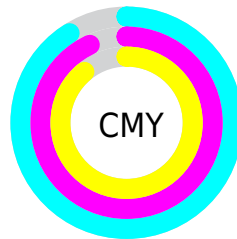
- Red (9%)
- Green (7%)
- Blue (11%)



- Red (9%)
- Yellow (7%)
- Blue (11%)



- Cyan (19%)
- Magenta (30%)
- Yellow (0%)
- Black (89%)



- Cyan (91%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16131B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 16131B by changing the saturation by 10% instead.

■ 16131B

■ 16131B

■ F7F3FE

■ 000000

■ 403D46

■ 58545E

■ 706D76

■ 898690

■ A4A0AA

■ BFBBC6

■ DBD7E2

■ 16131B

■ 16131B

■ 14101B

■ 18161B

■ 130E1B

■ 19181B

■ 110B1B

■ 1B1B1B

■ 0F081B

■ 1D1E1B

■ 0E061B

■ 1E211B

■ 0C031B

■ 20231B

■ 0A001B

■ 22261B

■ 24291B

■ 252B1B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10141C



16131B



1A1218

Triad

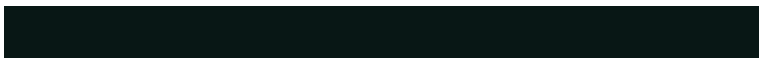
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16131B



1B130B



081715

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16131B



181B13

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0C1710



16131B



181409

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



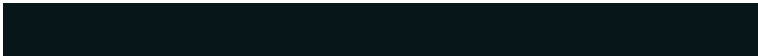
16131B



1D120F



12160B



071719

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16131B



1C1115



12160B



091713

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16131B



222024



13181B



111012



919191



121212

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16131B



1C1724



1A131B



0C0B0D



1D004D



4D00CC

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1B1318



24171F



141B13



0D0B0C



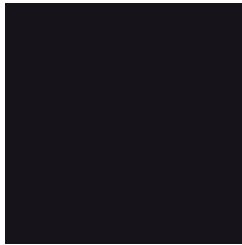
4D0030



CC0080

Previews

White Background



This preview shows how the Hex color 16131B looks on a white background.

Color Contrast Check

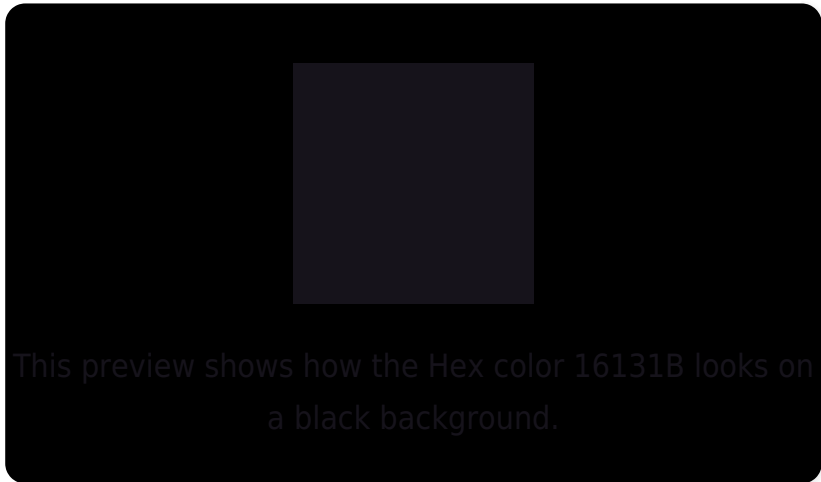
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

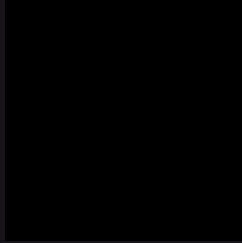
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 16131B Background



This preview shows how black text looks on a background with the Hex color 16131B.



This preview shows how white text looks on a background with the Hex color 16131B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

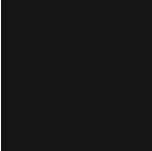
Dichromacy



Original Color
16131B

Protanopia
12141C

Deuteranopia
13141B



Tritanopia
151416

Trichromacy



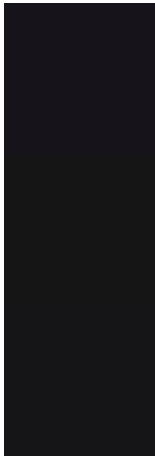
Original Color
16131B

Protanomaly
13141C

Deuteranomaly
14141B

Tritanomaly
151418

Monochromacy



Original Color
16131B

Achromatopsia
151515

Achromatomaly
151417

CSS Examples

Text

The CSS property to change the color of the text to Hex 16131B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #16131B looks like.

```
.text, #text, p{  
    color:#16131B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #16131B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16131B
}
```

Border

The CSS property to change the border of an element to Hex 16131B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16131B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#16131B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #16131B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16131B; -webkit-box-shadow:4px 4px  
4px 4px #16131B; box-shadow:4px 4px 4px  
4px #16131B }
```

Background

The CSS property to change the background color of an element to Hex 16131B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16131B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#16131B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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